

<b>Course No.</b>	<b>Course Name</b>	<b>L-T-P</b>	<b>Credits</b>	<b>Year of Introduction</b>
01EC6392	Mini Project	0-0-4	2	2015
<b>Course Objectives</b>				
<b>To make students</b>  Design and develop a system or application in the area of their specialization.				
<b>Approach</b>				
The student shall present two seminars and submit a report. The first seminar shall highlight the topic, objectives, methodology, design and expected results. The second seminar is the presentation of the work / hardware implementation.				
<b>Expected Outcome</b>				
Upon successful completion of the mini project, the student should be able to <ol style="list-style-type: none"><li>1. Identify and solve various problems associated with designing and implementing a system or application.</li><li>2. Test the designed system or application.</li></ol>				

Course No.	Course Name	L-T-P	Credits	Year of Introduction
01EC7391	Seminar II	0-0-2	2	2015
<b>Course Objectives</b>				
<p>To make students</p> <ol style="list-style-type: none"> <li>1. Identify the current topics in the specific stream.</li> <li>2. Collect the recent publications related to the identified topics.</li> <li>3. Do a detailed study of a selected topic based on current journals, published papers and books.</li> <li>4. Present a seminar on the selected topic on which a detailed study has been done.</li> <li>5. Improve the writing and presentation skills.</li> </ol>				
<b>Approach</b>				
<p>Students shall make a presentation for 20-25 minutes based on the detailed study of the topic and submit a report based on the study.</p>				
<b>Expected Outcome</b>				
<p>Upon successful completion of the seminar, the student should be able to</p> <ol style="list-style-type: none"> <li>1. Get good exposure in the current topics in the specific stream.</li> <li>2. Improve the writing and presentation skills.</li> <li>3. Explore domains of interest so as to pursue the course project.</li> </ol>				

Course No.	Course Name	L-T-P	Credits	Year of Introduction
01EC7393	Project (Phase 1)	0-0-12	6	2015
<b>Course Objectives</b>				
<p>To make students</p> <ol style="list-style-type: none"> <li>1. Do an original and independent study on the area of specialization.</li> <li>2. Explore in depth a subject of his/her own choice.</li> <li>3. Start the preliminary background studies towards the project by conducting literature survey in the relevant field.</li> <li>4. Broadly identify the area of the project work, familiarize with the tools required for the design and analysis of the project.</li> <li>5. Plan the experimental platform, if any, required for project work.</li> </ol>				

### **Approach**

The student has to present two seminars and submit an interim Project report. The first seminar would highlight the topic, objectives, methodology and expected results. The first seminar shall be conducted in the first half of this semester. The second seminar is the presentation of the interim project report of the work completed and scope of the work which has to be accomplished in the fourth semester.

### **Expected Outcome**

Upon successful completion of the project phase 1, the student should be able to

1. Identify the topic, objectives and methodology to carry out the project.
2. Finalize the project plan for their course project.

<b>Course No.</b>	<b>Course Name</b>	<b>L-T-P</b>	<b>Credits</b>	<b>Year of Introduction</b>
01EC7394	Project (Phase II)	<b>0-0-23</b>	<b>12</b>	<b>2015</b>
<b>Course Objectives</b>				
To continue and complete the project work identified in project phase 1.				
<b>Approach</b>				
There shall be two seminars (a midterm evaluation on the progress of the work and pre submission seminar to assess the quality and quantum of the work). At least one technical paper has to be prepared for possible publication in journals / conferences based on their project work.				
<b>Expected Outcome</b>				
Upon successful completion of the project phase II, the student should be able to				
<ol style="list-style-type: none"><li>1. Get a good exposure to a domain of interest.</li><li>2. Get a good domain and experience to pursue future research activities.</li></ol>				